

ABSTRACT OF THE DISCLOSURE

Trifluoroethanol can be isolated from organic liquids that are contaminated by trifluoroethanol by bringing the contaminated liquid into contact with a molecular sieve having a pore size ranging between 0.5 and 1.0 nm, e.g., with molecular sieve 13X. This enables, for example, trifluoroacetic acid trifluoroethyl esters, bis(trifluoroethyl)carbonate or trifluoroethyl esters of phosphoric, phosphonic or phosphinic acid to be purified.